

130405

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 3/15/2004 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 272-2511.

Date 8/20/04 Serial # 10/601,597 Priority Application Date _____
Your Name M. Lewis Examiner # _____
AU 2892 Phone 272-1838 Room 5A30
In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search, please prioritize in order of need.

Need before 8/22

The EIC searcher normally will contact you before beginning a prior art search. If you would like to sit with a searcher for an interactive search, please notify one of the searchers.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements. _____

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature _____ Other _____
Secondary Refs _____ Foreign Patents _____
Teaching Refs _____

What is the topic, such as the **novelty**, motivation, utility, or other specific facets defining the desired **focus** of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1-6

Problem: see pages 1-4
Solution: " " 5-7

Please look for the materials that are disclosed.

Staff Use Only
Searcher: SCOTT HERTZOG
Searcher Phone: 2-2663
Searcher Location: STIC-EIC2800, JEF-4B68
Date Searcher Picked Up: 8/23/4
Date Completed: 8/24/4
Searcher Prep/Rev Time: 280
Online Time: 78

Type of Search
Structure (#) _____
Bibliographic ☒
Litigation _____
Fulltext _____
Patent Family _____
Other _____

Vendors
STN ☒
Dialog _____
Questel Orbit _____
Lexis-Nexis _____
WWW/Internet _____
Other _____

SET ABB=ON PLU=ON

FILE 'REGISTRY' ENTERED AT 11:50:32 ON 24 AUG 2004

L1 33 S (0-100 AU AND 0-100 NI AND 0-100 AG AND 0-100 AL)/MAC AND 1-4/ELC
L2 1143 S (AG OR AL OR AU OR NI)/ELF (P)0/C AND 1-4/ELC AND NC=1
L3 459 S ((AU.SN OR AG.AU)/MF OR (AU SN OR AG AU)/ELF OR (SN OR IN)/MF) AND
NC=1

FILE 'HCAPLUS' ENTERED AT 11:50:42 ON 24 AUG 2004

L4 2620365 S (LAMEL? OR FILM? OR THINFILM? OR LAYER? OR OVERLAY? OR OVERLAID? OR
LAMIN? OR SHEET? OR MULTILAYER? OR STACK?)
L5 477233 S REFLECT?
L6 22497 S L4(2A)L5
L7 2397321 S (GOLD OR AU OR NICKEL OR NI OR SILVER OR AG OR ALUMINUM OR ALUMINIUM
OR AL) OR L2
L8 2693 S L6(2A)L7
L9 506890 S (GOLD OR AU) (A) (TIN OR SN OR AG OR SILVER) OR TIN OR SN OR INDIUM OR
IN OR L3
L10 38136 S L9(2A)L4
L11 QUE L4 OR SUBSTRAT?
L12 QUE (SI OR SILICON OR GERMANIUM OR GE OR GAAS
OR (GALLIUM OR GA) (A) (AS OR ARSENIDE))
L13 QUE L11(2A)L12
L14 144 S L6 AND L10 AND L13
L15 277639 S LED# OR LIGHT(2A)DIOD? OR (ELECTROLUMIN? OR EL OR LUMIN? OR
ILLUMINAT?) (3A) (CELL# OR DIOD? OR ELEMENT? OR DEVICE?) OR L(W)E(W)D#
OR OLED# OR ORGANOLUMIN? OR PHOSPHORES? OR
ORGANIC(2A) (LIGHT(A)EMIT#####) OR ELECTROLUMINESCENT
DEVICES+NT,UF/CT
L16 14 S L14 AND L15

FILE 'INSPEC' ENTERED AT 12:00:17 ON 24 AUG 2004

L17 608209 S (GOLD OR AU OR NICKEL OR NI OR SILVER OR
AG OR ALUMINUM OR ALUMINIUM OR AL)/CHI,BI
L18 1266 S L6(2A)L17
L19 163784 S (GOLD OR AU) (A) (TIN OR SN OR AG OR SILVER) OR TIN OR SN OR INDIUM OR
IN OR (AUSN INT OR SN INT OR IN INT OR AUAG INT OR AGAU INT OR PBSN
INT OR SNPB)/CHI
L20 62281 S L19(2A)L4
L21 1034516 S L4 OR SUBSTRAT?
L22 544848 S (SI OR SILICON OR GERMANIUM OR GE OR GAAS OR (GALLIUM OR GA) (A) (AS
OR ARSENIDE)) OR (GAAS INT OR IS INT OR GE INT)/CHI
L23 235490 S L22(2A)L21
L24 65 S L18 AND L20 AND L23
L25 82575 S LED# OR LIGHT(2A)DIOD? OR (ELECTROLUMIN?
OR EL OR LUMIN? OR ILLUMINAT?) (3A) (CELL# OR DIOD? OR ELEMENT?
OR DEVICE?) OR L(W)E(W)D# OR OLED# OR ORGANOLUMIN? OR PHOSPHORE
S? OR ORGANIC(2A) (LIGHT(A)EMIT#####) OR ELECTROLUMINESCENT
DEVICES+NT,UF/CT OR B4260/CC
L26 4 S L24 AND L25

FILE 'COMPENDEX, NTIS, DISSABS, JICST-EPLUS, WPIX' ENTERED AT 12:08:02 ON

L27 1432505 S (GOLD OR AU OR NICKEL OR NI OR SILVER OR
AG OR ALUMINUM OR ALUMINIUM OR AL)
L28 2470 S L6(2N) L27
L29 1982957 S (GOLD OR AU) (N) (TIN OR SN OR AG OR SILVER)
OR TIN OR SN OR INDIUM OR IN
L30 56301 S L29(2N) L4

L31 4063621 S L4 OR SUBSTRAT?
L32 907635 S (SI OR SILICON OR GERMANIUM OR GE OR GAAS
OR (GALLIUM OR GA) (A) (AS OR ARSENIDE))
L33 198113 S L32(2N) L31
L34 20 S L28 AND L30 AND L33

FILE 'HCAPLUS, INSPEC, COMPENDEX, NTIS, WPIX' ENTERED AT 12:14:29 ON 24
L35 37 DUP REM L16 L26 L34 (1 DUPLICATE REMOVED)

FILE 'HCAPLUS' ENTERED AT 12:15:25 ON 24 AUG 2004
L36 14 S L35
L37 3 S L36 NOT P/DT NOT PY>2002

FILE 'HCAPLUS' ENTERED AT 12:16:22 ON 24 AUG 2004
L41 14 S L35
L42 11 S L41 AND P/DT

FILE 'WPIX' ENTERED AT 12:19:21 ON 24 AUG 2004
L43 17 S L35

FILE 'COMPENDEX, NTIS, DISSABS, JICST-EPLUS, INSPEC' ENTERED AT 12:20:28
L44 6 S L35